

Converting Colors

XYZ(65.4530, 70.8721,
104.8377)

Have a look what the booklet for
XYZ(65.4530, 70.8721, 104.8377)
contains.

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Color

**XYZ(65.4239, 70.8142,
104.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDFFF
RGB	189, 223, 255
RGB Percent	74%, 87%, 100%
CMY	0.2588, 0.1255, 0.0000
CMYK	0.26, 0.13, 0.00, 0.00
HSL	209°, 100%, 87%
HSV	209°, 26%, 100%
XYZ	65.4239, 70.8142, 104.8280
YIQ	216.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

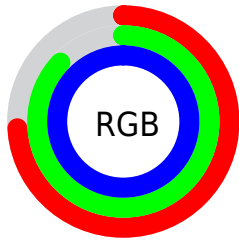
Format	Color
R _Y B	189, 211, 255
Decimal	12443647
CIE Lab	87.39, -4.20, -19.22
CIE LCh	87, 19.672, 257.687
Yxy	70.8142, 0.2714, 0.2938
Android (android.graphics.Color)	4290633727 (0xFFBDDFFF)
YUV	216.4820, 18.9894, -24.1017
Hunter-Lab	84.1512, -8.4885, -14.9524

Details

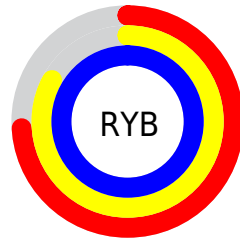
The XYZ color **65.4239, 70.8142, 104.8280** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.2816, 76.6463, 58.9195**, and the grayscale version is **65.4900, 68.9006, 75.0327**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **34.0272, 37.1508, 58.8035** is the 20% darker color. If you saturate the color by 10%, you get **56.4629, 61.4706, 103.4968**, and if you desaturate by 10%, it is **75.7421, 81.2189, 106.2925**.

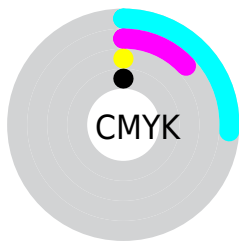
Distribution



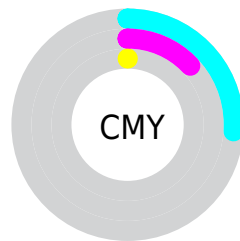
- Red (74%)
- Green (87%)
- Blue (100%)



- Red (74%)
- Yellow (83%)
- Blue (100%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4239, 70.8142, 104.8280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.4239, 70.8142, 104.8280 by changing the saturation by 10% instead.

■ 65.4239, 70.8142,
104.8280

■ 65.4239, 70.8142,
104.8280

433.8349,
463.4037, 596.9416

■ 48.0709, 52.1906,
79.6994

■ 111.7214,
120.3691, 169.8858

■ 34.0945, 37.1570,
58.9463

141.3966,
152.0692, 210.6521

■ 23.1294, 25.3291,
42.1502

175.9098,
188.8970, 257.4681

■ 14.8103, 16.3224,
28.8925

215.6265,
231.2367, 310.7522

■ 8.7718, 9.7526,
18.7546

260.9120,
279.4728, 370.9231

■ 4.6486, 5.2352,
11.3181

312.1317,

■ 2.0752, 2.3859,

333.9898, 438.3993

6.1643

369.6509,
395.1719, 513.5993

■ 0.6757, 0.8186,
2.8749

■ 0.0000, 0.0000,
1.0311

■ 65.4239, 70.8142,
104.8280

■ 65.4239, 70.8142,
104.8280

■ 56.4629, 61.4706,
103.4968

■ 75.7421, 81.2189,
106.2925

■ 48.7898, 53.1397,
102.2932

■ 87.4704, 92.7143,
107.8932

■ 42.3377, 45.7808,
101.2129

95.0500, 100.0000,
108.9000

■ 37.0309, 39.3467,
100.2507

■ 32.7841, 33.7852,
99.4010

■ 29.4982, 29.0362,
98.6576

■ 27.0517, 25.0281,
98.0129

■ 26.2169, 23.5537,
97.7723

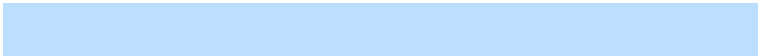
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4834, 70.8142, 97.5621



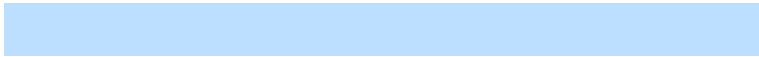
65.4239, 70.8142, 104.8280



70.0510, 70.8142, 104.0698

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4239, 70.8142, 104.8280



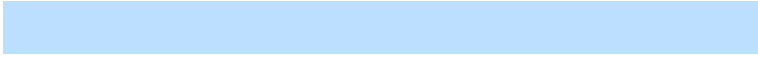
76.1603, 70.8142, 69.6068



60.9288, 70.8142, 61.1662

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.4239, 70.8142, 104.8280



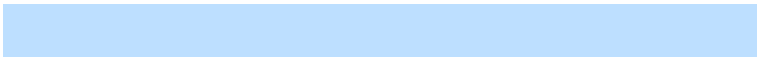
76.2816, 76.6463, 58.9195

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6351, 70.8142, 55.2529



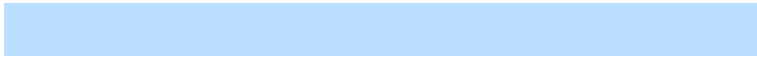
65.4239, 70.8142, 104.8280



73.4867, 70.8142, 59.7276

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4239, 70.8142, 104.8280



76.3954, 70.8142, 82.6772



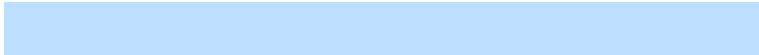
69.2254, 70.8142, 54.7585



58.9692, 70.8142, 71.7882

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4239, 70.8142, 104.8280



72.9038, 70.8142, 99.1198



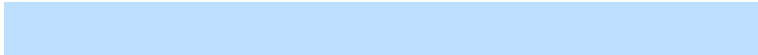
69.2254, 70.8142, 54.7585



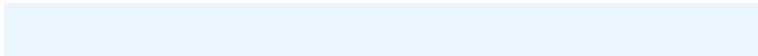
62.0038, 70.8142, 58.6174

Sweetspot

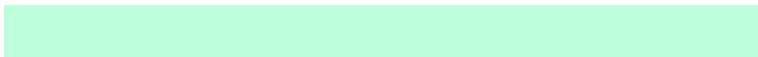
The Sweet Spot groups the original color and five complimentary colors.



65.4259, 70.8170, 104.8285



84.8647, 90.1856, 107.5425



69.7850, 87.5544, 81.5594



17.7770, 18.9256, 22.9660



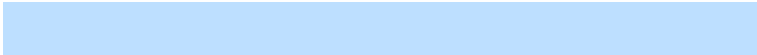
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4259, 70.8170, 104.8285



60.6727, 65.9034, 104.1306



57.4727, 54.9107, 102.1774



17.7770, 18.9256, 22.9660



13.8491, 12.6078, 51.1382



1.4578, 1.4464, 5.0156

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.7581, 62.9844, 78.1377



69.2379, 57.2840, 72.8329



85.8357, 95.7544, 62.1042



18.4001, 18.1434, 20.7241



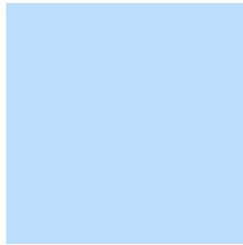
23.7786, 12.0007, 12.7505



2.3705, 1.1906, 1.5323

Previews

White Background



This preview shows how the XYZ color 65.4239, 70.8142, 104.8280 looks on a white background.

Color Contrast Check

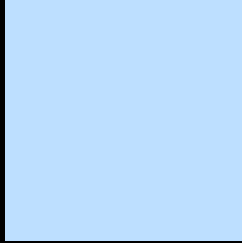
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.4239, 70.8142, 104.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

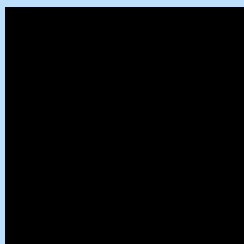
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

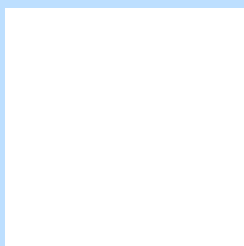
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4239, 70.8142, 104.8280

Background



This preview shows how black text looks on a background with the XYZ color 65.4239, 70.8142, 104.8280.



This preview shows how white text looks on a background with the XYZ color 65.4239, 70.8142,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

63.5964, 70.8863, 95.1246

Trichromacy



Original Color

65.4239, 70.8142, 104.8280

Protanomaly

67.8040, 70.5287, 102.1352

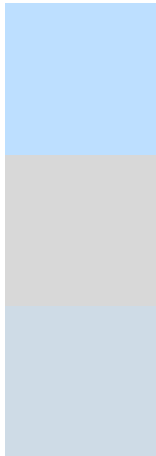
Deuteranomaly

69.1573, 70.4010, 104.5515

Tritanomaly

64.1832, 70.7181, 98.2628

Monochromacy



Original Color

65.4239, 70.8142, 104.8280

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0680, 69.4980, 84.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4239, 70.8142, 104.8280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 223, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.4239, 70.8142, 104.8280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 223, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 223, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4239, 70.8142, 104.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 223, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
223, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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